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1970/07/17

DEPARTMENT OF DEFENSE INTELLIGENCE INFORMATION REPORT

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(Classification and Control Markings)

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2. SUBJECT: **Chicom Ballistic Missile Development**

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1. Field Coordination: CAS

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17. DOWNGRADING DATA:

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1 Encl

Report 5822, Subj: **Chicom Ballistic Missile Development**, 1 cy, 32 pgs each

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Report No.: 5822

Report Date: 10 January 1970

Report Subject: Chicom Ballistic Missile Development (C)

Date of Information: 31 December 1969

Contents:

I. Introduction:

The development of ballistic missiles has been a major task for the Chicom in their vigorous program for research and manufacture of modern weapons. Missiles go hand-in-hand with their research and development in nuclear science. In their fourth nuclear test in October 1966, an IRBM was used successfully to carry the nuclear device. Now that the Chicom have succeeded in many H-bomb explosion tests, their development in ballistic missile research and manufacture and the performance of their existing missiles have been the focus of international concern and exploration. However, the detection of activities of Chicom missile research and manufacture is not as easy as that of their nuclear explosion. All information relevant to missile development have been treated as top secret by the Chicom Defense Department in recent years. This report is a study and analysis of Chicom ballistic missile development and is based upon Chicom documents and open source literature.

II. Conclusions:

1. The framework of Chicom ballistic missile development was founded with support from the Soviet Union. The Chicom have spared no efforts in the research and manufacture of missiles despite termination of Russian assistance, the people's distress from natural calamities, and the "Cultural Revolution". Currently, the Chicom are capable of manufacturing some short and intermediate-range missiles.

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2. The Chicoms have established a complete system in their missile development organization. Available manpower and technology can satisfy their requirements in this field. However, there is still a shortage of some high quality instruments required for ballistic missile development and the Chicoms must rely on imported goods.

3. It is believed that the major tasks of Chicom ballistic missile development in the future will be in the research and manufacturing of ICBMs and the development of submarine-launched missiles. In the near future, the Chicoms will encounter much difficulty in reaching the operational stage. Particularly, guidance accuracy will probably be their greatest problem.

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In view of the fact that the Chicoms have already had the ability of producing jet aircraft in their aircraft manufacturing plants, support would naturally be given in the research and production of missiles, thus providing mutual cooperation. It has been learned that part of the Chicom aviation technology and instrument parts could be applied to the production of missiles. Therefore, the Chicom Aviation Industry should be a consideration in the study of Chicom missile production facilities.

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(5) In 1963, Chicom test launched a 300-mile short-range surface-to-surface missile.

(6) On 27 October 1966, the Chicom succeeded in launching a 400-700 miles IRBM which was capable of carrying a nuclear device. (Chicom fourth nuclear test explosion).

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